

NOTE: The maximum limits for "Chalky kernels," "Heat-damaged kernels," "Kernels damaged by heat," and the "Color requirements" shown in § 868.210 are not applicable to the special grade "Parboiled rough rice."

(c) *Smutty rough rice*. Smutty rough rice shall be rough rice which contains more than 3.0 percent of smutty kernels.

(d) *Glutinous rough rice*. Glutinous rough rice shall be special varieties of rice (*Oryza sativa* L. *glutinosa*) which contain more than 50 percent chalky kernels. Grade U.S. No. 1 shall contain not more than 1.0 percent of nonchalky kernels, grade U.S. No. 2 not more than 2.0 percent of nonchalky kernels, grade U.S. No. 3 not more than 4.0 percent of nonchalky kernels, grade U.S. No. 4 not more than 6.0 percent of nonchalky kernels, grade U.S. No. 5 not more than 10.0 percent of nonchalky kernels, and grade U.S. No. 6 not more than 15.0 percent of nonchalky kernels.

NOTE: The maximum limits for "Chalky kernels" in § 868.210 are not applicable to the special grade "Glutinous rough rice."

(e) *Aromatic rough rice*. Aromatic rough rice shall be special varieties of rice (*Oryza sativa* L. scented) that have a distinctive and characteristic aroma; e.g., basmati and jasmine rice.

[42 FR 40869, Aug. 12, 1977, as amended at 54 FR 21406, May 18, 1989; 56 FR 55978, Oct. 31, 1991; 58 FR 68016, Dec. 23, 1993. Redesignated and amended at 60 FR 16364, 16365, Mar. 30, 1995]

§ 868.213 Special grade designation.

The grade designation for infested, parboiled, smutty, glutinous, or aromatic rough rice shall include, following the class, the word(s) "Infested," "Parboiled Light," "Parboiled," "Parboiled Dark," "Smutty," "Glutinous," or "Aromatic," as warranted, and all other information prescribed in § 868.211.

[58 FR 68016, Dec. 23, 1993. Redesignated and amended at 60 FR 16364, Mar. 30, 1995]

Subpart D—United States Standards for Brown Rice for Processing

NOTE TO THE SUBPART: Compliance with the provisions of these standards does not excuse failure to comply with the provisions of the Federal Food, Drug, and Cosmetic Act, or other Federal laws.

SOURCE: 42 FR 40869, Aug. 12, 1977; 42 FR 64356, Dec. 23, 1977, unless otherwise noted. Redesignated at 60 FR 16364, Mar. 30, 1995.

TERMS DEFINED

§ 868.251 Definition of brown rice for processing.

Rice (*Oryza sativa* L.) which consists of more than 50.0 percent of kernels of brown rice, and which is intended for processing to milled rice.

§ 868.252 Definition of other terms.

For the purposes of these standards, the following terms shall have the meanings stated below:

(a) *Broken kernels*. Kernels of rice which are less than three-fourths of whole kernels.

(b) *Brown rice*. Whole or broken kernels of rice from which the hulls have been removed.

(c) *Chalky kernels*. Whole or broken kernels of rice which are one-half or more chalky.

(d) *Classes*. There are four classes of brown rice for processing.

Long Grain Brown Rice for Processing.
Medium Grain Brown Rice for Processing.
Short Grain Brown Rice for Processing.
Mixed Brown Rice for Processing.

Classes shall be based on the percentage of whole kernels, broken kernels, and types of rice.

(1) "Long-grain brown rice for processing" shall consist of brown rice for processing which contains more than 25.0 percent of whole kernels of brown rice and not more than 10.0 percent of whole or broken kernels of medium- or short-grain rice.

(2) "Medium-grain brown rice for processing" shall consist of brown rice for processing which contains more than 25.0 percent of whole kernels of brown rice and not more than 10.0 percent of whole or broken kernels of long-grain rice or whole kernels of short-grain rice.

(3) "Short-grain brown rice for processing" shall consist of brown rice for processing which contains more than 25.0 percent of whole kernels of brown rice and not more than 10.0 percent of whole or broken kernels of long-grain rice or whole kernels of medium-grain rice.

(4) "Mixed brown rice for processing" shall be brown rice for processing

which contains more than 25.0 percent of whole kernels of brown rice and more than 10.0 percent of “other types” as defined in paragraph (i) of this section.

(e) *Damaged kernels.* Whole or broken kernels of rice which are distinctly discolored or damaged by water, insects, heat, or any other means (including parboiled kernels in nonparboiled rice and smutty kernels). “Heat-damaged kernels” (see paragraph (f) of this section) shall not function as damaged kernels.

(f) *Heat-damaged kernels.* Whole or broken kernels of rice which are materially discolored and damaged as a result of heating and parboiled kernels in nonparboiled rice which are as dark as, or darker in color than, the interpretive line for heat-damaged kernels.

(g) *Milling yield.* An estimate of the quantity of whole kernels and total milled rice (whole and broken kernels combined) that is produced in the milling of brown rice for processing to a well-milled degree.

(h) *Objectionable seeds.* Whole or broken seeds other than rice, except seeds of *Echinochloa crusgalli* (commonly known as barnyard grass, watergrass, and Japanese millet).

(i) *Other types.* (1) Whole kernels of: (i) Long grain rice in medium or short grain rice and medium or short grain rice in long grain rice, (ii) medium grain rice in long or short grain rice, (iii) short grain rice in long or medium grain rice, (2) broken kernels of long grain rice in medium or short grain rice and broken kernels of medium or short grain rice in long grain rice.

NOTE: Broken kernels of medium grain rice in short grain rice and broken kernels of short grain rice in medium grain rice shall not be considered other types.

(j) *Paddy Kernels.* Whole or broken unhulled kernels and whole or broken kernels of rice having a portion or portions of the hull remaining which cover one-half (½) or more of the whole or broken kernel.

(k) *Red rice.* Whole or broken kernels of rice on which the bran is distinctly red in color.

(l) *Related material.* All by-products of a paddy kernel, such as the outer glumes, lemma, palea, awn, embryo, and bran layers.

(m) *Seeds.* Whole or broken seeds of any plant other than rice.

(n) *Smutty kernels.* Whole or broken kernels of rice which are distinctly infected by smut.

(o) *Types of rice.* There are three types of brown rice for processing:

Long grain
Medium grain
Short grain

Types shall be based on the length/width ratio of kernels of rice that are unbroken and the width, thickness, and shape of kernels of rice that are broken as prescribed in FGIS instructions.

(p) *Ungelatinized kernels.* Whole or broken kernels of parboiled rice with distinct white or chalky areas due to incomplete gelatinization of the starch.

(q) *Unrelated material.* All matter other than rice, related material, and seeds.

(r) *Well-milled kernels.* Whole or broken kernels of rice from which the hulls and practically all of the embryos and the bran layers have been removed.

(s) *Whole kernels.* Unbroken kernels of rice and broken kernels of rice which are at least three-fourths of an unbroken kernel.

(t) *6 plate.* A laminated metal plate 0.142-inch thick, with a top lamina 0.051-inch thick, perforated with rows of round holes 0.0938 (⅜) inch in diameter, and a bottom lamina 0.091-inch thick, without perforations.

(u) *6½ sieve.* A metal sieve 0.032-inch thick, perforated with rows of round holes 0.1016 (6½/64) inch in diameter.

[13 FR 9479, Dec. 31, 1948, as amended at 44 FR 73008, Dec. 17, 1979; 47 FR 34516, Aug. 10, 1982; 54 FR 21403, 21406, May 18, 1989; 54 FR 51344, Dec. 14, 1989. Redesignated at 60 FR 16364, Mar. 30, 1995]

PRINCIPLES GOVERNING APPLICATION OF STANDARDS

§ 868.253 Basis of determination.

The determination of kernels damaged by heat, heat-damaged kernels, parboiled kernels in nonparboiled rice, and the special grade Parboiled brown rice for processing shall be on the basis of the brown rice for processing after it has been milled to a well-milled degree. All other determinations shall be on